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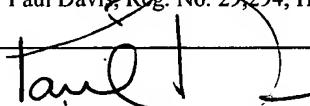
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		Application Number	10/666,897
		Filing Date	09/17/2003
		First Named Inventor	Atanackovic
		Group/Art Unit	2815
		Examiner Name	Jackson, Jr., Jerome
Total Number of Pages in This Submission	7	Attorney Docket Number	39230-0704

### ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
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<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below):
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Firm or Individual name	Paul Davis, Reg. No. 29,294, HELLER EHRLMAN WHITE & McAULIFFE LLP		
Signature			
Date	4/14/04	Customer Number:	25213

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Attorney Docket No. 39230-0704

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor: Atanackovic

Group Art Unit: 2815

Application No.: 10/666,897

Examiner: Jackson, Jr., Jerome.

Filed: 09/17/2003

For: Devices with Optical Gain in Silicon

**RESPONSE TO RESTRICTION REQUIREMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This is in response to the Office Action mailed March 17, 2004, and is submitted on or before the current due date of April 17, 2004.

***Election of Species:***

Applicant elects to prosecute claims 66-69, 71-80, 105-106, 108-110 and 112 (Group I).

***Identification of Species:***

Applicant identifies the elected claims 66-69, 71-80, 105-106, 108-110 and 112 as a superlattice with a rare earth ion.

***Claims readable upon Elected Species:***

Applicant identifies the following claims as readable upon the elected species: 66-69, 71-80, 105-106, 108-110 and 112.

***Cancellation of Non-Elected Claims:***

Applicant cancels claims 70, 81-104, 107, 111 and 113 with traverse. Applicant reserves the right to prosecute the non-elected claims in a divisional application.